



GRANT RECIPIENT
CITY OF HOBART

YEAR
2005

COUNTY
LAKE COUNTY

CATEGORY
LOW COST CONSTRUCTION
(NATURAL AREA
RESTORATION)

GRANT AWARD
\$100,000

LOCAL SHARE
\$100,000



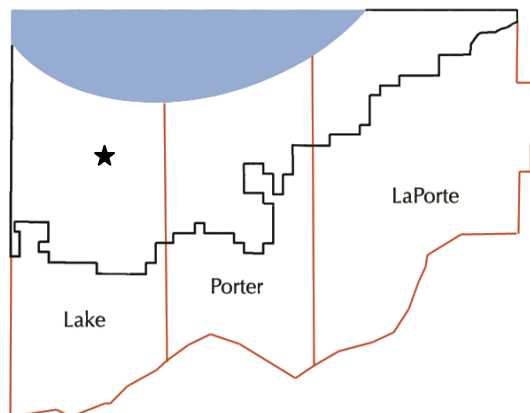
FOR MORE INFORMATION
Lake Michigan Coastal Program
1600 N 25 E
Chesterton, IN 46304
(219) 983-9912
www.in.gov/dnr/lakemich



Fred Rose Park and Shoreline Natural Area Restoration and Stabilization

Restoration of the shoreline along Fred Rose Park was identified as a priority among stakeholders and outlined in the Watershed Management Plan. Fred Rose Park is located along the southeastern shoreline of Lake George in an urban setting. A popular attraction of the park includes fishing along Lake George. However, public access was severely limited by 4-10ft vertical banks along much of the shoreline. Furthermore, the erosion was a significant contributor of sediment in Lake George. At the top of the eroding banks are large oak trees and a remnant prairie community which includes the state listed Veiny Pea. Despite constant maintenance efforts, an increasing amount shoreline habitat was lost each year.

The Fred Rose Park shoreline stabilization project restored a native community to an eroding embankment using bioengineering methods. A total of 700 feet of embankment was stabilized and restored using pre-planted coconut fiber logs with turf reinforcement and shrub plantings. The fiber logs were planted with native emergent vegetation and an additional 1,300 feet of embankment received a more rigorous bioengineered treatment which involved a rock foundation and topped with shrubs and native prairie plants.



RESULT: Stabilized 2,000 ft of prime shoreline on Lake George.